NATIONAL LIBRARY OF MEDICINE
NEWS

Vol. XXIII, No. 8 Bethesda, Maryland 20014 August 1968

SEP 18 1968
MEDICAL LIBRARY

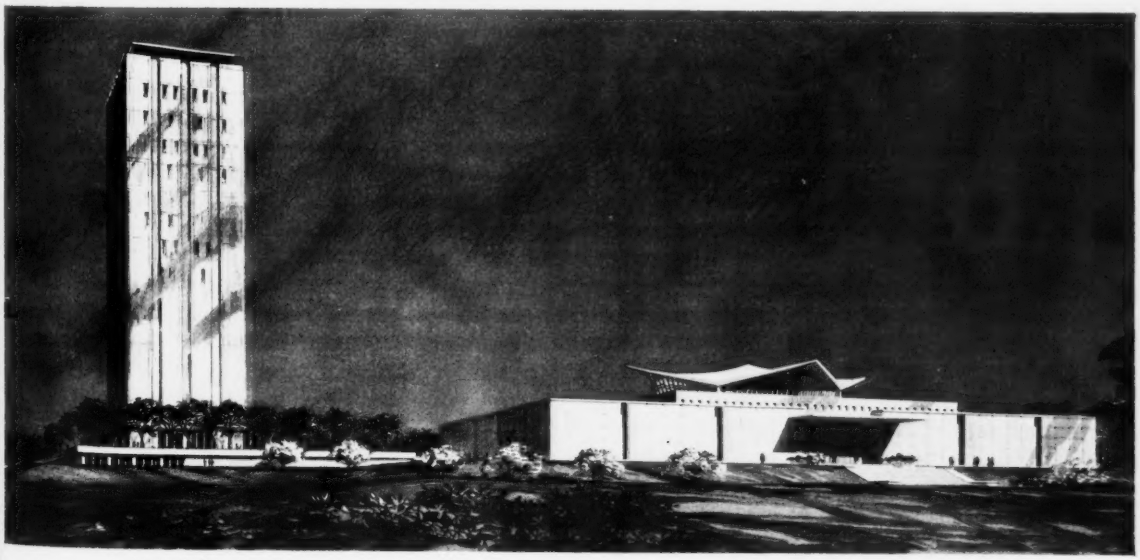
President Johnson Announces Lister Hill Center

On August 3, 1968 President Johnson signed into law (P.L. 90-456) legislation designating the planned National Center for Biomedical Communications as the Lister Hill National Center for Biomedical Communications honoring the "Health Statesman" Senator from Alabama.

The law had been introduced as Senate Joint Resolution 193 (see page 3) last month by Senator John Sparkman "to perpetuate the name of the man who has done so much for the health of the nation."

The Center will be a part of the National Library of Medicine, a component of the National Institutes of Health, which Senator Hill and the late President John F. Kennedy helped to create. Preliminary planning calls for a tower-type structure annex to be erected southwest of the Library within the next four or five years.

(Continued on Page 2)



Architects' Conception of Proposed Lister Hill National Center for Biomedical Communications

U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
NATIONAL INSTITUTES OF HEALTH

NATIONAL LIBRARY OF MEDICINE
NEWS

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(Continued from Page 1)

Martin M. Cummings, M.D., Director of the National Library of Medicine, on learning of the President's action stated, "People who are interested in the improvement of medical communications are delighted that the Center will serve as a monument to the far-reaching vision of Senator Hill who in his legislative career has provided so many new and important horizons for American medicine, and especially for research, education, and libraries."

The Center will house the organizational, management, and technical elements of a Biomedical Communications Network, a system being designed to more quickly transmit new information to doctors, scientists, and educators in all of the health professions. It will use the latest electronic equipment and the most up-to-date communications technology.

Staff planners and the Board of Regents of the National Library of Medicine have been studying how the Center might apply televison, satellite communications, films, lasers, and computers for resolution of those problems of health dependent upon communications.

The planned Center has been the outgrowth of a number of related actions, recommendations, and legislation by Congress, the medical community, the Library's Board of Regents, and the staff of the Library to meet and keep pace with the great expansion of medical knowledge and progress in communications technology.

The late Congressman John Fogarty in an address, "Medical Libraries and Medical Research," delivered in 1965, explicitly recognized the need to establish the Center as a research arm of the National Library of Medicine when he stated, "... I wonder if the nation should not take further advantage of the great skill and power of this institution and establish within the National Library of Medicine a National Center of Biomedical Communications."

In November 1965, the Library's Board of Regents, in an Advisory Report on Policy to the Surgeon General, called for the establishment of such a Center. And in April 1966, the Board approved a five-year program plan for the Library which had been developed by the Library staff to carry out the Board's November policy statement and the Department of Health, Education, and Welfare's five-year plan.

In October 1966, the House Special Subcommittee on Investigation of the Department of Health, Education, and Welfare found "... with its comprehensive service and central role in biomedical communications, the subcommittee feels the National Library of Medicine should be the primary central focus for such activities...." More specifically, the committee recommended that the Library should "establish a research center in biomedical communications."

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Approval for the creation of the Center by the Department of Health, Education, and Welfare was reflected in the inclusion of funds within the Library's Five-Year Program and Budget Plans.

A feasibility study was performed by the New York architectural firm of O'Connor & Kilham, designers of the present Library building. The architects recommended that an annex of approximately 360,000 gross square feet of space be constructed to meet the requirements of the NLM's activities over a period of the next 20 years. The building to be named the Lister Hill National Center for Biomedical Communications will house the research and development program, the toxicology information program, the new computer system (MEDLARS II), and a new graphic-image storage and retrieval system. It will also accommodate the staff and equipment of the National Medical Audiovisual Center now located in Atlanta, Georgia, and the staff of NLM's Extramural Programs.

Funds requested for architectural and engineering plans are not yet available. However the Library and its Board of Regents continue to exercise their responsibility to provide leadership in planning programs for the Center.

The President's designation of the planned Center as the Lister Hill National Center for Biomedical Communications brings closer the realization of this facility and the further evolution of the National Library of Medicine from a modern specialized research library to a comprehensive, active biomedical information and communications system.

Public Law 90-456
90th Congress, S. J. Res. 193
August 3, 1968

Joint Resolution

82 STAT. 630

To designate the National Center for Biomedical Communications the Lister Hill National Center for Biomedical Communications.

Whereas, during his long and distinguished career in the Congress, Senator Lister Hill has achieved more forward-looking legislation relating to improved health and educational opportunities for the American people than any other individual in the history of this body; and

Whereas, Senator Hill's legislative interests in health, in education, and in libraries are epitomized in the National Library of Medicine, to whose establishment and development Senator Hill has paid particular attention during the course of his career; and

Whereas, a National Center for Biomedical Communications to be constructed and located as a part of this Library has been proposed by two legislators of the House, the late John E. Fogarty of Rhode Island, and Paul G. Rogers of Florida; and further that this Center has been strongly endorsed by representatives of the scientific community as an urgently required facility for the improvement of communications necessary for health education, research, and practice; and further that this Center would function to contribute enduringly to the life-long objectives of Senator Hill's legislative career: Be it therefore

Resolved by the Senate and House of Representatives of the United States of America in Congress assembled, That this Center be named and designated as the Lister Hill National Center for Biomedical Communications, thus perpetuating the name of the distinguished Senator from Alabama, and the legislative interests of his long and fruitful career in the United States Senate.

Lister Hill National Center for Biomedical Communications. Designation.

Approved August 3, 1968.

CONGRESSIONAL RECORD, Vol. 114 (1968): July 19: Considered and passed Senate.
July 24: Considered and passed House.

Senator Lister Hill

Lister Hill was born in Montgomery, Alabama in 1894, the son of the late Dr. Luther Leonidas Hill, one of the South's foremost surgeons. Lister Hill attended Starke University School in Montgomery, entered the University of Alabama at 16, and was graduated in four years with both academic and law degrees. He is a member of Phi Beta Kappa. Hill was graduated in law at Columbia University and commenced the practice of law in Montgomery, Alabama in 1916.

He has been awarded honorary LL.D. degrees by numerous institutions, including Women's Medical College of Pennsylvania, the University of Pennsylvania, Washington University (St. Louis), and New York University.

At the age of 28, Lister Hill was elected to Congress from the Second Alabama District and subsequently served as Chairman of the House Committee on Military Affairs. Since his first election to the Senate in 1938, he has been re-elected five times.

Senator Hill, who plans to retire at the end of this year, is Chairman of the Senate Labor and Public Welfare Committee, which handles all major legislation on education, health, veterans, hospitals, libraries, and labor-management relations. He has long been recognized as the Senate's outstanding leader in the field of health legislation. Of the many programs which attest his leadership are the Hospital and Health Center Construction Act of 1946 (the "Hill-Burton Act"); the Comprehensive Health Planning and Public Health Services Act; the Medical Library Assistance Act of 1965; the Regional Medical Programs Act; and the Hill-Harris Act of 1963.

Senator Hill has also offered long and devoted service to the cause of libraries and education. It is therefore particularly appropriate that the President and the Congress chose to affix the name of Lister Hill to the new National Center for Biomedical Communications.

MEDLARS Users' Orientation Programs

The Bibliographic Services Division recently embarked upon a series of orientation programs for users (actual and potential) of MEDLARS services. The overall content of the sessions has been planned by Mr. F.W. Lancaster, BSD's Deputy Chief, and Mr. John Timour, MEDLARS Training Officer.

The first users' orientation program was presented at the Library on June 7 to about 25 scientists and information specialists from George Washington University, Georgetown University, the University of Virginia, and Tulane University. The one-day seminar included presentations by NLM staff members as follows: general characteristics of MEDLARS, and its services and products (Mr. Lancaster); how articles are indexed in the system (Mrs. Thelma Charen, Index Section, BSD); how searches are conducted (Mr. William Caldwell, Drug Literature Program); MEDLARS in relation to other bibliographic services in biomedicine (Mr. Constantine Gillespie, BSD); and illustrative results from the recent MEDLARS evaluation (Mr. Lancaster).

The Library plans to present additional sessions of this type in the near future, in Bethesda and other parts of the country.

NLM PROGRAM REPORT NO. 11 - The NLM Training Grants and Manpower Research Program

by Herbert H. Fockler, Training Grants Officer
Extramural Programs

The NLM training grants program, authorized by the Medical Library Assistance Act of 1965 (P.L. 89-291), assists in the initiation and support of a limited number of graduate and postgraduate training centers located in schools of library science, information science, and medicine and in other professional and graduate schools. These training programs give special emphasis to the planning, development, and management of medical information systems. An important characteristic is their interdisciplinary and interdepartmental composition: subjects include library science, information science, systems engineering, linguistics, and biomedical sciences. Most medical library or information science training activities are developed in conjunction with strong biomedical teaching and research programs.

Grants have been awarded to assist in the support of academic degree programs in biomedical librarianship at the universities of Chicago, Minnesota, California at Los Angeles, and Illinois, and Case Western Reserve University. Five postgraduate internship programs are being supported at the University of California at Los Angeles, Washington University, University of Tennessee, Johns Hopkins University, and Wayne State University. A doctoral program for biomedical science information specialists at George Washington University is receiving support, and a new graduate program in biomedical communication based at Tulane University was initiated last fall. A grant was awarded to Rockefeller University, New York, to assist a new training program for executive editors of biomedical journals. Graduate programs in the history of medicine at Yale University and Johns Hopkins are continuing to receive grant assistance.

In the planning stage are additional new training programs in biomedical communications research and health sciences information systems administration.

Manpower Studies - NLM is supporting, through a grant, an extensive and comprehensive nationwide survey of medical library personnel, directed by Dr. David Kronick and Mr. Alan Rees, with the assistance of the Medical Library Association Advisory Council on Continuing Education and a panel of consultants from health-related professional associations. The objectives are to gather personnel data on present medical library manpower, to determine manpower needs and requirements of current and future health-science libraries and information services, and to design new educational programs for various categories of personnel.

With the assistance of an NLM grant, an exploratory and experimental study of the educational characteristics and needs of hospital librarians is being directed by Mr. Alan Rees at Case Western Reserve University. The aim of this project is to design, develop, and evaluate training programs for hospital library personnel.

An NLM grant supported a conference on education for health science librarianship at the University of Washington, and several hundred copies of the published proceedings were distributed to medical schools, library schools, professional associations, and government agencies.

(Continued on Page 6)

NEW REFERENCE AIDS ON AUDIOVISUALS

Now available are the *1968 Film Reference Guide for Medicine and Allied Sciences*, and the *1968 National Medical Audiovisual Center Catalog*, formerly titled *Public Health Service Catalog*.

The *Film Reference Guide* is published annually by the Library's National Medical Audiovisual Center in Atlanta for the Federal Advisory Council on Medical Training Aids. It is a basic catalog of selected audiovisuals used in biomedical education by member agencies of the Council. The *Guide* is available from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402 for $2.75 (PHS Pub. No. 487, Rev. 1968; FS 2.211:968).

The *NMAC Catalog* lists audiovisuals available on short-term free loan from the National Medical Audiovisual Center. The catalog may be ordered from the Superintendent of Documents for $0.75 (NIH Pub. No. 451; FS 2.36/2:968).

The National Medical Audiovisual Center has compiled a 36-page bibliography titled *Selected List of Audiovisuals on Organ Transplants*. The booklet, published by NLM, lists 96 audiovisuals, prints of which are available for loan, rental, and/or purchase, from a number of international distributors. Single copies of the bibliography may be obtained from the Office of Public Information, National Library of Medicine, 8600 Rockville Pike, Bethesda, Maryland 20014.

PERSONNEL

Lawrence K. Coffin has been named Extramural Programs Grants and Contracts Management Officer, succeeding Mr. John P. Spain, who transferred to the Grants and Contracts Management Branch, National Institute of Mental Health. Mr. Coffin served as Grants and Contracts Management Specialist in the same office before this appointment.

Samuel Merrill, pharmacist, has accepted a position with the Drug Literature Program, Office of Specialized Information Services. Mr. Merrill served previously with the National Center for Radiological Health.

M. Zane Thornton has joined the staff of the Office of the Associate Director for Research and Development as head of the Communications and Electronic Engineering Group. Mr. Thornton comes to NLM from the Central Intelligence Agency.

Arthur A. Wykes, Ph.D. has been named Senior Drug Literature Specialist, Drug Literature Program, Office of Specialized Information Services. Dr. Wykes was formerly with the Research Triangle Institute, Research Triangle Park, North Carolina.

(Continued from Page 5)

The NLM, the National Science Foundation, and the DHEW Office of Education are jointly supporting a three-year research program on manpower in librarianship and information science directed by Dr. Paul Wasserman at the University of Maryland, and a report of progress in the first phase has been published in a professional journal.

The findings and recommendations of these surveys and studies will be useful in the further development of training programs for medical librarians and other health science information specialists.

LIBRARY REORGANIZES SELECTED OPERATIONS

In order to faciiitate the delivery of NLM's services and products to the biomedical community, the Library has reorganized certain of its operating divisions. The changes were made in response to the accelerating growth and complexity of NLM's designated role as the "vital center for health communications" of the Department of Health, Education, and Welfare.

Newly established in the Office of the Associate Director for Library Operations is the Library Network Management Staff, a small group of NLM executive staff members who will plan, administer, and manage the biomedical library network (relating especially to regional medical library services, including demand search services); establish procedures and policy for the effective functioning of the network operations and services; and coordinate NLM support activities for the network. RSD Chief Samuel T. Waters has been assigned the principal responsibility for setting up the new staff.

Two new groups have been established in the Bibliographic Services Division. The Quality Control Staff reviews, analyzes, and evaluates MEDLARS products and services; makes recommendations, in accord with these analyses, concerning possible system improvements in indexing, searching, vocabulary development, training, and journal selection; and reviews, analyzes, and edits NLM publications. Dr. Raquel S. Halegua will continue as the Library's Senior Scientific Editor, but her position has been incorporated in the new BSD activity. Also on the staff are Mr. Constantine Gillespie and Mrs. Grace T. Jenkins.

The MEDLARS Management Section, headed by Mrs. Lillian H. Washington, is to administer and manage the production of MEDLARS services, including the decentralized MEDLARS program; coordinate MEDLARS activities between NLM and MEDLARS stations, providing appropriate means of interchange of technical information, and serving as a clearing point for decentralized MEDLARS information; and establish and process recurring bibliographies, including *Index Medicus*, and other MEDLARS products for publication. Chief responsibility for the latter area has been assigned to Mrs. Yvonne B. Scott, recently returned to the Library from NIH.

Other programs have been modified in the course of this NLM reorganization. These will be reported in later issues of the News.

NEW EXHIBIT TO FEATURE BLOOD TRANSFUSION

Next on display in the NLM lobby will be an exhibit depicting graphically and in print the history of blood transfusion. The exhibit, to run from September 23 to December 20, 1968, will feature books and pictorial materials from the Library's History of Medicine collection, anatomical models, and objects of historic interest, such as a blood warmer and 19th century transfusion kit. The lobby will be open to the public during the Library's regular winter hours, which resume after Labor Day:

Monday through Friday, 8:30 a.m.-9:00 p.m.
Saturday, 8:30 a.m.-5:00 p.m.
CLOSED SUNDAYS

ASSOCIATES NAMED FOR 1968/69

In September, the Library will welcome three candidates for postgraduate training in the National Library of Medicine Associate Program for 1968/69. Miss Leona H. Farrell, Mr. Sheldon Kotzin, and Miss Kay V. Mayfield were selected from applicants at 16 schools as far apart as Hawaii and Boston.

Miss Farrell received a Master's degree in library science in June from the University of Oklahoma School of Library Science, where she held a Medical Library Association-Jolowicz Scholarship. In 1967, she earned a B.S. in education (teaching fields: biology and library science) at the Municipal University of Omaha. She worked as a Library Assistant during her undergraduate years, and as a Library Trainee at the Veterans Administration Hospital in Oklahoma City during the current year.

Mr. Kotzin holds a B.A. in history from the University of Maryland, and received an M.L.S. from Indiana University in August. He also studied library science at the East-West Center of the University of Hawaii during the summer of 1967. Mr. Kotzin has worked as a student assistant in several university libraries (chemistry and business) and as a Library Intern at the Chemistry Library of Indiana University in 1967/68.

The third appointee, Miss Mayfield, graduated from Wellesley College in 1967 with a B.A. in English. She, too, received a Master's degree in library science this summer, from the Graduate Library School of the University of Chicago; in 1967, she studied medical literature and reference work at the University of Illinois Extension Division. Miss Mayfield was a student assistant at the Wellesley College Library for several years, and has been a part-time assistant in 1968 at the Library of the Billings Hospital, University of Chicago.

NLM's third Associate Program will begin on September 3, 1968. The in-library training will be supplemented by seminars and lectures, after-hours postgraduate study, visits to area medical and research libraries and information centers, and attendance at professional meetings in the Washington metropolitan area.

The diversified training received by the two associates who have just concluded their year at the Library has enabled them to accept positions which are in direct accord with their own interests. Mr. James Swanton will become Editor of the SUNY (State University of New York) Union List of Serials, and will work at the Upstate Medical Center of SUNY at Syracuse. Miss Rose Marie Woodsmall has accepted a post as Technical Information Specialist in the Information and Computer Sciences Staff in the Office of the Associate Director for Research and Development, National Library of Medicine. Her duties will relate to the design and development of library services for the planned Biomedical Communications Network.

NOTE!

Final date for submission of contributed papers to the Third International Congress in Amsterdam (*News*, May and July 1968) has been changed to NOVEMBER 15, 1968.

NATIONAL LIBRARY OF MEDICINE

EXTRAMURAL PROGRAMS NEWS

U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

THE UNIVERSITY OF MICHIGAN
SEP 12 1968
MEDICAL LIBRARY

August 1968

The Medical Library Assistance Act of 1965 (Public Law 89-291) authorizes programs of financial support to assist in meeting the Nation's need for adequate medical library services and facilities. The Act established grant programs for construction, resources, training, post-doctoral fellowships, research, special scientific projects, publications, and regional medical libraries.

Unannounced new and renewal awards are shown below.

POSTDOCTORAL FELLOWSHIP GRANTS

Postdoctoral Fellowships are awarded to individuals to enable them to pursue training in research which will prepare them for research careers in the health information specialties and in the history of the life sciences.

Recipient	Institution	Project Title	Total Period
R. Palmer Howard	University of Oklahoma (1 F3 LM 39,631-01)	History of Medicine in Oklahoma	1 year
Louis S. Greenbaum	Harvard University School of Public Health (1 F3 LM 40,118-01)	Episcopate and Public Health in Eighteenth Century France	1 year

SPECIAL SCIENTIFIC PROJECT GRANTS

Special Scientific Project awards are made to individuals or institutions for fulltime projects related to the documentation, evaluation, and analysis of scientific, social, or cultural advances in health sciences.

Recipient	Institution	Project Title	Total Period
Herman Turk, Ph.D.	University of Southern California, Los Angeles (1 F13 LM 26,405-01)	Interorganization Aspects of Urban Community Health	1 year
Charles W. Bodemer, Ph.D.	University of Washington (1 F13 LM 26,406-01)	Regeneration Concept in Embryology History	3 years

TRAINING GRANTS

Training Grants are awarded to institutions to help support post-baccalaureate training programs designed to provide training for research and service in medical librarianship and other health science information specialties.

Field	Program Director Institution	Amount*	Type Grant No.
Biomedical Communications	Charles W. Shilling, M.D. George Washington University	$ 33,789	Continuation 5 TO1 LM 00101-
Biomedical Librarianship	Andrew Lasslo, Ph.D. University of Tennessee Medical Units	68,056	Continuation 5 TO1 LM 00102-
History of Medicine	Frederic L. Holmes, Ph.D. Yale University	43,674	Continuation 5 TO1 LM 00103-
Biomedical Librarianship	Don R. Swanson, Ph.D. University of Chicago	110,613	Continuation 5 TO1 LM 00104-
History of Medicine	Owsei Temkin, M.D. Johns Hopkins University	44,285	Continuation 5 TO1 LM 00105-
Biomedical Librarianship	Estelle Brodman, Ph.D. Washington University	42,572	Continuation 5 TO1 LM 00106-
Biomedical Librarianship	Wesley Simonton, Ph.D. University of Minnesota	85,301	Continuation 5 TO1 LM 00109-
Biomedical Librarianship	Louise Darling University of California,L.A.	43,432	Continuation 5 TO1 LM 00111-
Biomedical Librarianship	Alfred N. Brandon Johns Hopkins University	51,670	Continuation 5 TO1 LM 00115-
Biomedical Information Science	Robert M. Hayes, Ph.D. University of California, L.A.	62,041	Continuation 5 TO1 LM 00119-
Biomedical Librarianship	Vern M. Pings, Ph.D. Wayne State University	34,059	Continuation 5 TO1 LM 00120-
Biomedical Librarianship	Alan M. Rees Case Western Reserve University	70,721	Continuation 5 TO1 LM 00123-
Biomedical Communications	Walter G. Unglaub, M.D. Tulane University	134,725	Continuation 5 TO1 LM 00125-
Biomedical Librarianship	Frances B. Jenkins, Ph.D. University of Illinois	106,291 (24 months)	New 1 TO1 LM 00127-
Executive Editorship of Biomedical Journals	F. Peter Woodford, Ph.D. Rockefeller University	38,055	New 1 TO1 LM 00129-

* Direct costs only for 12-month period.

MEDICAL LIBRARY CONSTRUCTION GRANTS

Construction Grants provide assistance in construction of new or expanded health science library facilities, and in the renovation or remodeling of existing facilities. Federal participation may be up to 75 percent of the project costs, exclusive of land acquisition and legal fees.

Institution	Amount*
The Jefferson Medical College of Philadelphia, Inc., Philadelphia, Pa. (1 J06 LM 00281-01)	$ 1,765,636
University of Nebraska College of Medicine, Omaha, Nebraska (1 J06 LM 00288-01)	1,636,077
Wayne State University, Detroit, Michigan (1 J06 LM 00293-01)	1,432,246
Rutgers - The State University, New Brunswick, New Jersey (1 J06 LM 00298-01)	541,293
George Washington University, Washington, D. C. (1 J06 LM 00300-01)	1,295,595
Southern College of Optometry, Memphis, Tennessee (1 J06 LM 00340-01)	176,525
University of Texas Medical Branch, Galveston, Texas (1 J06 LM 00345-01)	1,598,406
Boston University School of Medicine, Boston, Massachusetts (1 J06 LM 00363-01)	1,010,000
Brown University, Providence, Rhode Island (1 J06 LM 00375-01)	536,331

REGIONAL MEDICAL LIBRARY GRANTS

Regional Medical Library Grants assist in the development of the existing system of medical libraries into a responsive national biomedical communications network.

Institution	Amount*	Type
Francis A. Countway Library of Medicine Boston, Massachusetts New England Regional Medical Library	$ 254,733	Renewal
Health Sciences Library Seattle, Washington Pacific Northwest Regional Medical Library	124,040	New
Library of the College of Physicians Philadelphia, Pennsylvania Mid-Eastern Regional Medical Library	199,120	New

* Direct costs only.

RESEARCH & PUBLICATIONS GRANTS

Research Grants support the conduct of research and investigation in medical library science and related activities, and the development of new techniques, systems, and equipment for processing, storing, retrieving, and distributing information in the health sciences.

Publications Grants assist in the preparation and/or publication of single or serial publications which pertain to scientific works of importance for health research, education, and service.

Title	Principal Investigator Institution	Amount*	Type Grant N
Abstract Medical Literature for Arctic Bibliography	Maret Martna Arctic Institute of No. America	$ 18,794	Continuati 5 RO1 LM 00003
Physiology and Medical Experiences	Rudolph E. Siegel, M.D. Research Foundation of State University of New York	14,422	Renewal 2 RO1 LM 00011
The Germ Theory Comes to America, 1870-1910	Charles E. Rosenberg, Ph.D. University of Pennsylvania	5,385	Renewal 2 RO1 LM 00013
Experimental Dissemination of Biomedical Literature	Don R. Swanson, Ph.D. University of Chicago	124,467	Continuati 5 RO1 LM 00036
History of British Medical Administration of E. Africa	Ann F. Beck, Ph.D. University of Hartford	2,730	Renewal 2 RO1 LM 00038
The Leibniz-Stahl Controversy in the Negotium Otiosum	Lelland J. Rather Stanford University	1,900	Renewal 2 RO1 LM 00063
Biography of Dr. Peter Parker	Edward V. Gulick, Ph.D. Wellesley College	683	Renewal 2 RO1 LM 00073
Alkaloid-Bearing Plants and Their Alkaloids	Hui-Lin Li, Ph.D. University of Pennsylvania	20,780	Continuati 5 RO1 LM 00346
Education for Hospital Library Personnel	Alan M. Rees Case Western Reserve University	27,946	Renewal 2 RO1 LM 00422
Studies in the History of Physiology	Hebbel E. Hoff, M.D. Baylor University College of Medicine	6,960	Continuati 5 RO1 LM 00453
Smallpox Epidemics Among the Missouri Valley Indians	Donald J. Lehmer, Ph.D. Dana College	3,000	Supplement 3 RO1 LM 00475
Waldemar M. Haffkine, Public Health Pioneer	Edythe Lutzker (Individual)	15,874	New 1 RO1 LM 00489
Atlas of Immunobiology and Immunopathology	Byron H. Waksman, M.D. Yale University School of Medicine	10,000	New 1 RO1 LM 00519

* Direct costs only.

Research & Publications Grants continued.

Title	Principal Investigator Institution	Amount*	Type Grant No.
Compilation of Analytico-Synthetic Monographs	Hans Selye, M.D. University of Montreal	$ 25,496	New 1 RO1 LM 00522-01
Computer Graphic Languages for Information Retrieval	David A. Thompson, Ph.D. Stanford University	78,007	New 1 RO1 LM 00525-01
A History of Gerontology in the United States	Oscar J. Kaplan, Ph.D. San Diego State College Foundation	16,615	New 1 RO1 LM 00529-01
The Fluorescent Antibody Study of Archaeological Remains	Stephen J. Kunitz, M.D. Yale University	7,127	New 1 RO1 LM 00530-01
Current Bibliography of Epidemiology, A Publication	Morton D. Schweitzer, Ph.D. American Public Health Assoc.,Inc.	26,920	New 1 RO1 LM 00557-01
Comprehensive Abstract Service for Dental Researchers	Leland C. Hendershot American Dental Association	21,340	New 1 RO1 LM 00558-01
An Index of Investigative Dermatopathology	Ralph E. Knutti, M.D. Universities Associated For Research and Education in Pathology, Inc.	12,211	New 1 RO1 LM 00560-01
Publication of Stereotaxic Brain Atlas	Harry L. Jacobs, Ph.D. Clark University	22,626	New 1 RO1 LM 00562-01
Publication of New World Primates	Philip Hershkovitz Field Museum of Natural History	37,483	New 1 RO1 LM 00563-01
Preparation of International Anatomical Nomenclature	Charles M. Goss, M.D. American Association of Anatomists	6,440	New 1 RO1 LM 00565-01
A State of the Art Review of Triatominae Literature	Raymond E. Ryckman, Ph.D. Loma Linda University	19,568	New 1 RO1 LM 00567-01
Education of American Physicians	Russell M. Jones, Ph.D. Westminster College	2,070	New 1 RO1 LM 00569-01
Vital Statistics and Medical Care	Thomas R. Forbes, Ph.D. Yale University School of Medicine	2,146	New 1 RO1 LM 00570-01
A History of Pharmacognosy	John H. Hoch, D.Sc. Medical College of South Carolina	6,333	New 1 RO1 LM 00571-01
Government and Medicine	John T. Lanning, Ph.D. Duke University	13,006	New 1 RO1 LM 00574-01
Translations in Russian Neurophysiology	Donald B. Lindsley, Ph.D. University of California, L.A.	45,000	New L RO1 LM 00576-01

* Direct costs only.

Research & Publications Grants continued.

Title	Principal Investigator Institution	Amount*	Type Grant No.
Language and Language Behavior Abstracts	Harlan L. Lane, Ph.D. University of Michigan	$ 49,828	New 1 RO1 LM 00577-
Publication of Myocardium by Meerson	Eugene Braunwald, M.D. American Heart Association	10,000	New 1 RO1 LM 00578-
Psychophysiology & Psychosomatic Medicine in the USSR	Samuel A. Corson, Ph.D. Ohio State University Research Foundation	19,803	New 1 RO1 LM 00635-
Neurological Manifestations of General Diseases	John A. Aita, M.D. University of Nebraska	7,205	New 1 RO1 LM 00636-
Statistical Survey of U.S. Health Science Libraries	Susan Crawford American Medical Association	16,777	New 1 RO1 LM 00641-

MEDICAL LIBRARY RESOURCE GRANTS

Resource Grants are awarded to public and private nonprofit health science libraries to develop, expand, and organize their collections and services. Grant funds may be utilized for books, journals, personnel, equipment and the introduction of new technologies.

State	Institution	Amount*	Type Grant No.
Alabama	Auburn University, Pharmacy-Veterinary Medicine Branch, Auburn	$ 2,622	Continuation 5 GO1 LM 00218-0
	University of Alabama Medical Center, Birmingham	23,954	Continuation 5 GO1 LM 00225-0
	Tuskegee Institute, School of Veterinary Medicine, Tuskegee Institute	3,220	Continuation 5 GO1 LM 00281-0
Arizona	University of Arizona, College of Medicine, Tucson	22,808	Continuation 5 GO1 LM 00120-0
	St. Marys Hospital, Tucson	1,121	New 1 GO1 LM 00538-0
Arkansas	University of Arkansas Medical Center, Little Rock	20,999	Continuation 5 GO1 LM 00109-0
California	Atascadero State Hospital, Atascadero	4,319	New 1 GO1 LM 00337-0

* Direct costs only.

Medical Library Resource Grants continued.

State	Institution	Amount*	Type Grant No.
California	DeWitt State Hospital, Auburn	$ 3,352	New 1 G01 LM 00410-01
	Saint Joseph Hospital, Burbank	6,369	New 1 G01 LM 00659-01
	Camarillo State Hospital, Camarillo	2,712	Continuation 5 G01 LM 00329-02
	University of California, Health Sciences Library, Davis	22,808	Continuation 5 G01 LM 00132-02
	Rancho Los Amigos Hospital, Downey	3,469	Continuation 5 G01 LM 00278-02
	Sonoma State Hospital, Eldridge	3,494	New 1 G01 LM 00587-01
	Fresno General Hospital, Fresno	2,387	New 1 G01 LM 00302-01
	University of California, San Diego Medical School, La Jolla	27,741	Continuation 5 G01 LM 00269-02
	Loma Linda University Health Sciences Library, Loma Linda	32,692	Continuation 5 G01 LM 00199-02
	University of Southern California School of Medicine, Los Angeles	20,500	Continuation 5 G01 LM 00146-02
	Los Angeles College of Optometry, Los Angeles	1,906	New 1 G01 LM 00156-01
	University of California Center for Health Sciences, Biomedical Library, Los Angeles	58,431	Continuation 5 G01 LM 00198-02
	University of California, California College of Medicine, Los Angeles	10,763	Continuation 5 G01 LM 00280-02
	University of Southern California School of Dentistry, Los Angeles	3,546	Continuation 5 G01 LM 00288-02
	Childrens Hospital of Los Angeles, Los Angeles	3,708	Continuation 5 G01 LM 00405-02
	University of Southern California School of Pharmacy, Los Angeles	3,598	New 1 G01 LM 00600-01
	Hollywood Presbyterian Hospital, Los Angeles	5,353	New 1 G01 LM 00662-01

* Direct costs only.

Medical Library Resource Grants continued.

State	Institution	Amount*	Type Grant No.
California	Metropolitan State Hospital, Norwalk	$ 2,746	New 1 G01 LM 00500-01
	St. Joseph Hospital, Orange	5,797	New 1 G01 LM 00668-01
	Porterville State Hospital, Porterville	2,739	Continuation 5 G01 LM 00382-02
	Sacramento County Hospital, Sacramento	1,517	Continuation 5 G01 LM 00107-03
	St. Mary's Hospital, San Francisco	4,415	New 1 G01 LM 00480-01
	Agnews State Hospital, San Jose	2,416	Continuation 5 G01 LM 00330-02
	San Mateo County Department of Public Health and Welfare, San Mateo	6,396	New 1 G01 LM 00660-01
	Stanford University School of Medicine, Palo Alto	23,819	Continuation 5 G01 LM 00283-02
	Stockton State Hospital, Stockton	2,373	Continuation 5 G01 LM 00383-02
	Harbor General Hospital, Torrance	13,431	New 1 G01 LM 00483-01
Colorado	University of Colorado School of Pharmacy, Boulder	1,613	New 1 G01 LM 00663-01
	Fort Logan Mental Health Center, Denver	3,425	Continuation 5 G01 LM 00340-02
	Colorado State University College of Veterinary Medicine, Fort Collins	11,173	Continuation 5 G01 LM 00191-02
	Colorado State Hospital, Pueblo	2,909	Continuation 5 G01 LM 00326-02
	State Home and Training School, Wheat Ridge	2,999	New 1 G01 LM 00653-01
Connecticut	Yale University School of Medicine, New Haven	36,066	Continuation 5 G01 LM 00142-03
	Newington Hospital for Crippled Children, Newington	1,245	New 1 G01 LM 00592-01

* Direct costs only.

Medical Library Resource Grants continued.

State	Institution	Amount*	Type Grant No.
Connecticut	University of Connecticut School of Medicine, Hartford	$ 22,808	Continuation 5 G01 LM 00113-02
	University of Connecticut School of Pharmacy, Storrs	3,194	Continuation 5 G01 LM 00121-02
Delaware	Delaware State Hospital, New Castle	2,468	New 1 G01 LM 00470-01
Washington, D. C.	George Washington University School of Medicine	15,180	Continuation 5 G01 LM 00208-02
	Washington Hospital Center	6,521	Continuation 5 G01 LM 00252-02
	Georgetown University Medical Center	12,511	Continuation 5 G01 LM 00289-02
	Howard University Medical-Dental Library	51,854	New 1 G01 LM 00584-01
Florida	University of Florida Health Center, Gainesville	34,052	New 1 G01 LM 00501-01
	Jacksonville Hospitals Educational Educational Program, Jacksonville	8,612	Continuation 5 G01 LM 00117-02
	University of Miami School of Medicine, Miami	20,037	Continuation 5 G01 LM 00103-02
	Florida A & M University School of Pharmacy, Tallahassee	3,234	Continuation 5 G01 LM 00264-02
	Tampa General Hospital, Tampa	2,474	New 1 G01 LM 00440-01
Georgia	Emory University School of Medicine, Atlanta	21,786	Continuation 5 G01 LM 00255-02
	Georgia Department of Public Health, Atlanta	4,166	Continuation 5 G01 LM 00328-02
	Emory University School of Dentistry, Atlanta	6,550	New 1 G01 LM 00536-01
	Mercer University, Atlanta	2,249	Continuation 5 G01 LM 00127-02
	Medical College of Georgia, Augusta	26,744	New 1 G01 LM 00502-01A1

* Direct costs only.

Medical Library Resource Grants continued.

State	Institution	Amount*	Type Grant No.
Georgia	University Hospital, Augusta	$ 3,099	New 1 G01 LM 00621-01
Hawaii	University of Hawaii College of Health Sciences, Honolulu	22,808	Continuation 5 G01 LM 00266-0
	Leahi Hospital, Honolulu	2,861	New 1 G01 LM 00626-0
	Hawaii State Hospital, Kaneohe	1,017	New 1 G01 LM 00667-0
	Maui Memorial Hospital, Wailuku, Maui	2,067	New 1 G01 LM 00444-0
Illinois	Mercyville, Aurora	1,340	New 1 G01 LM 00618-0
	Mount Sinai Hospital Medical Center, Chicago	9,328	Continuation 5 G01 LM 00376-0
	University of Illinois Medical Center, Chicago	40,977	New 1 G01 LM 00543-0
	Loyola University Stritch School of Medicine, Chicago	22,863	New 1 G01 LM 00605-0
	Northwestern University Dental School, Chicago	9,911	New 1 G01 LM 00608-0
	Institute for Psychoanalysis, Chicago	11,137	New 1 G01 LM 00623-0
	Northwestern University Medical School, Chicago	22,552	Continuation 5 G01 LM 00259-0
	Lutheran General Hospital, Park Ridge	4,166	Continuation 5 G01 LM 00315-0
	Winnebago County Medical Library, Rockford	1,604	New 1 G01 LM 00614-0
Indiana	Indiana University School of Medicine, Indianapolis	23,402	Continuation 5 G01 LM 00272-0
	Indiana University School of Dentistry, Indianapolis	8,901	New 1 G01 LM 00537-01

* Direct costs only.

Medical Library Resource Grants continued.

State	Institution	Amount*	Type Grant No.
Iowa	Iowa State Medical Library, Des Moines	$ 7,968	Continuation 5 G01 LM 00133-02
	University of Iowa, College of Medicine, Iowa City	15,295	Continuation 5 G01 LM 00126-02
	University of Iowa, College of Dentistry, Iowa City	3,488	New 1 G01 LM 00539-01
Kansas	University of Kansas Medical Center, Kansas City	21,428	Continuation 5 G01 LM 00271-02
	Osawatomie State Hospital, Osawatomie	4,112	New 1 G01 LM 00604-01
	The Menninger Foundation, Topeka	7,546	Continuation 5 G01 LM 00314-02
Kentucky	University of Louisville School of Medicine, Louisville	21,243	Continuation 5 G01 LM 00100-02
	University of Louisville School of Dentistry, Louisville	4,194	New 1 G01 LM 00552-01
	Central State Hospital, Louisville	1,729	New 1 G01 LM 00654-01
Louisiana	Louisiana State University Medical Center, New Orleans	17,321	Continuation 5 G01 LM 00102-02
	Tulane University School of Medicine, New Orleans	18,145	Continuation 5 G01 LM 00110-02
Maine	Maine Medical Center, Portland	2,313	Continuation 5 G01 LM 00112-03
	Thayer Hospital, Waterville	3,559	New 1 G01 LM 00625-01
Maryland	Johns Hopkins University School of Medicine, Baltimore	32,718	Continuation 5 G01 LM 00115-02
	Sinai Hospital of Baltimore, Baltimore	6,503	Continuation 5 G01 LM 00316-02
	Greater Baltimore Medical Center, Baltimore	5,353	New 1 G01 LM 00504-01

* Direct costs only.

Medical Library Resource Grants continued.

State	Institution	Amount*	Type Grant No.
Maryland	University of Maryland, Health Science Library, Baltimore	$32,718	Continuation 5 G01 LM 00223-02
Massachusetts	Tufts University Medical-Dental Library, Boston	13,958	Continuation 5 G01 LM 00106-02
	Harvard Medical School, Boston	75,417	Continuation 5 G01 LM 00197-02
	Boston University School of Medicine, Boston	13,301	Continuation 5 G01 LM 00204-02
	Massachusetts College of Pharmacy, Boston	6,738	Continuation 5 G01 LM 00277-02
	Massachusetts Mental Health Center, Boston	1,419	Continuation 5 G01 LM 00393-02
	Pondville Hospital, Walpole	1,629	New 1 G01 LM 00505-01
	Springfield Hospital, Springfield	5,904	New 1 G01 LM 00655-01
Michigan	University of Michigan College of Pharmacy, Ann Arbor	2,118	Continuation 5 G01 LM 00243-02
	University of Michigan School of Dentistry, Ann Arbor	6,480	Continuation 5 G01 LM 00244-02
	University of Michigan Medical Center Library, Ann Arbor	31,035	Continuation 5 G01 LM 00245-02
	University of Michigan School of Public Health, Ann Arbor	6,128	Continuation 5 G01 LM 00248-02
	Wayne State University School of Medicine, Detroit	57,880	Continuation 5 G01 LM 00111-02
	University of Detroit School of Dentistry, Detroit	6,892	Continuation 5 G01 LM 00130-02
	Michigan State University College of Human Medicine, East Lansing	22,808	Continuation 5 G01 LM 00177-02
	Mercy Hospital, Muskegon	1,696	New 1 G01 LM 00105-01

* Direct costs only.

Medical Library Resource Grants continued.

State	Institution	Amount*	Type Grant No.
Michigan	St. Luke's Hospital, Saginaw	$ 3,241	New 1 G01 LM 00658-01
Minnesota	University of Minnesota College of Medical Sciences, Minneapolis	47,278	Continuation 5 G01 LM 00171-02
	University of Minnesota College of Veterinary Medicine, St. Paul	5,538	Continuation 5 G01 LM 00172-02
	Hennepin County Medical Society, Minneapolis	3,642	New 1 G01 LM 00391-01
	Abbott Hospital School of Nursing, Minneapolis	2,656	New 1 G01 LM 00392-01
	Minnesota Department of Public Welfare, St. Paul	11,053	Continuation 5 G01 LM 00147-02
Mississippi	University of Mississippi School of Medicine, Jackson	18,550	Continuation 5 G01 LM 00309-02
	University of Mississippi School of Pharmacy, University	6,135	New 1 G01 LM 00591-01
Missouri	University of Missouri School of Dentistry, Kansas City	2,423	Continuation 5 G01 LM 00246-02
	University of Missouri School of Medicine, Columbia	18,379	Continuation 5 G01 LM 00297-02
	Kansas City General Hospital & Medical Center, Kansas City	15,352	New 1 G01 LM 00617-01
	Kirksville College of Osteopathy and Surgery, Kirksville	4,673	Continuation 5 G01 LM 00232-02
	St. Louis College of Pharmacy, St. Louis	9,692	Continuation 5 G01 LM 00388-02
	American Optometric Association, St. Louis	6,080	New 1 G01 LM 00390-01
Montana	Montana State University School of Nursing, Bozeman	18,857	New 1 G01 LM 00586-01
	University of Montana School of Pharmacy, Missoula	2,244	New 1 G01 LM 00366-01

* Direct costs only.

Medical Library Resource Grants continued.

State	Institution	Amount*	Type Grant No.
Nebraska	University of Nebraska College of Pharmacy, Lincoln	$ 1,120	New 1 G01 LM 00550-01
	University of Nebraska College of Medicine, Omaha	17,136	Continuation 5 G01 LM 00131-02
	The Creighton University School of Medicine, Omaha	14,813	Continuation 5 G01 LM 00308-02
	Creighton University School of Dentistry, Omaha	2,032	New 1 G01 LM 00547-01
Nevada	Washoe Medical Center, Reno	4,805	New 1 G01 LM 00581-01
	University of Nevada School of Medicine, Reno	15,054	New 1 G01 LM 00597-01
New Hampshire	Dartmouth College Medical School, Hanover	19,452	Continuation 5 G01 LM 00292-02
New Jersey	Atlantic City Hospital, Atlantic City	2,581	New 1 G01 LM 00482-01
	New Jersey State Hospital at Ancora, Hammonton	2,852	New 1 G01 LM 00507-01
	Saint Barnabas Medical Center, Livingston	3,559	New 1 G01 LM 00609-01
	Newark City Hospital, Newark	3,476	Continuation 5 G01 LM 00379-02
	St. Peter's General Hospital, New Brunswick	10,291	New 1 G01 LM 00506-01
	Muhlenberg Hospital, Plainfield	2,105	Continuation 5 G01 LM 00202-02
	New Jersey Neuro-Psychiatric Institute, Princeton	3,757	New 1 G01 LM 00598-01
	St. Francis Hospital, Trenton	2,020	New 1 G01 LM 00508-01
	New Jersey Health-Agriculture Library, Trenton	5,173	New 1 G01 LM 00546-01

* Direct costs only.

Medical Library Resource Grants continued.

State	Institution	Amount*	Type Grant No.
New Mexico	University of New Mexico School of Medicine, Albuquerque	$28,004	Continuation 5 G01 LM 00170-02
	Lovelace Foundation for Medical Education and Research, Albuquerque	19,946	New 1 G01 LM 00665-01
New York	Albany Medical College of Union University, Albany	11,998	Continuation 5 G01 LM 00193-02
	State University of New York at Buffalo Health Sciences Library, Buffalo	21,622	Continuation 5 G01 LM 00220-02
	State University of New York Downstate Medical Center, Brooklyn	48,122	Continuation 5 G01 LM 00276-02
	St. Peter's Hospital, Albany	2,415	New 1 G01 LM 00282-01
	Albert Einstein College of Medicine of Yeshiva University, Bronx	24,672	Continuation 5 G01 LM 00144-02
	Kingsbrook Jewish Medical Center, Brooklyn	4,777	New 1 G01 LM 00509-01
	Brooklyn Hospital, Brooklyn	3,417	New 1 G01 LM 00540-01
	Greenpoint Hospital, Brooklyn	5,133	New 1 G01 LM 00656-01
	Health Research, Incorporated, Roswell Park Division, Buffalo	11,781	Continuation 5 G01 LM 00318-02
	D'Youville College School of Nursing, Buffalo	9,133	New 1 G01 LM 00445-01A1
	Long Island University, Brooklyn College of Pharmacy, Brooklyn	7,334	New 1 G01 LM 00510-01
	North Shore Hospital, Manhasset	3,294	New 1 G01 LM 00599-01
	Nassau County Department of Health, Mineola	7,761	New 1 G01 LM 00650-01
	Bellevue Hospital Center, New York	3,990	Continuation 5 G01 LM 00137-02

* Direct costs only.

Medical Library Resource Grants continued.

State	Institution	Amount*	Type Grant No.
New York	Columbia University College of Pharmaceutical Sciences, New York	$ 2,788	Continuation 5 G01 LM 00149-02
	New York Academy of Medicine, New York	60,385	Continuation 5 G01 LM 00194-02
	New York University College of Dentistry, New York	8,423	Continuation 5 G01 LM 00196-02
	New York Medical College, Flower and Fifth Avenue Hospitals, New York	12,296	Continuation 5 G01 LM 00229-02
	Cornell University Medical College, New York	24,183	Continuation 5 G01 LM 00235-02
	Medical Library Center of New York, New York	20,634	Continuation 5 G01 LM 00261-02
	Mount Sinai School of Medicine, New York	15,807	Continuation 5 G01 LM 00401-02
	New York University Medical Center, New York	28,160	Continuation 5 G01 LM 00402-02
	Beekman-Downtown Hospital, New York	2,993	New 1 G01 LM 00450-01
	City Hospital Center at Elmhurst, Elmhurst	9,035	New 1 G01 LM 00670-01
	Creedmoor State Hospital, Queens Village	5,062	New 1 G01 LM 00535-01
	University of Rochester School of Medicine and Dentistry, Rochester	24,262	Continuation 5 G01 LM 00178-02
	St. Mary's Hospital, Rochester	2,013	New 1 G01 LM 00477-01
	St. Vincent's Medical Center of Richmond, Staten Island	4,477	New 1 G01 LM 00601-01
	State University of New York, Upstate Medical Center, Syracuse	42,814	New 1 G01 LM 00585-01
	Bird S. Coler Hospital Center for Chronic Disease, Welfare Island	7,018	Continuation 5 G01 LM 00228-02

* Direct costs only.

Medical Library Resource Grants continued.

State	Institution	Amount*	Type Grant No.
New York	Pilgrim State Hospital, West Brentwood	$ 2,819	Continuation 5 G01 LM 00331-02
	St. Joseph's Hospital, Yonkers	3,208	New 1 G01 LM 00438-01
North Carolina	University of North Carolina, Health Affairs Library, Chapel Hill	23,819	Continuation 5 G01 LM 00294-02
	Medical Library, Mecklenburg County, Charlotte	4,011	New 1 G01 LM 00381-01
	Duke University Medical Center, Durham	26,306	Continuation 5 G01 LM 00125-02
	Broughton Hospital, Morganton	3,177	New 1 G01 LM 00580-01
	Dorothea Dix Hospital, Raleigh	2,544	New 1 G01 LM 00533-01
	Bowman Gray School of Medicine of Wake Forest University, Winston-Salem	8,507	Continuation 5 G01 LM 00128-02
North Dakota	North Dakota State University College of Pharmacy, Fargo	5,879	New 1 G01 LM 00471-01A
Ohio	Ohio Northern University College of Pharmacy, Ada	4,896	New 1 G01 LM 00467-01A
	University of Cincinnati College of Medicine, Cincinnati	21,144	Continuation 5 G01 LM 00186-02
	Cleveland Psychiatric Institute, Cleveland	3,086	New 1 G01 LM 00596-01
	Ohio State University College of Veterinary Medicine, Columbus	6,136	Continuation 5 G01 LM 00187-02
	Ohio State University Health Center Library, Columbus	22,289	Continuation 5 G01 LM 00190-02
	Good Samaritan Hospital, Dayton	6,650	New 1 G01 LM 00534-01
	Providence Hospital School of Nursing, Sandusky	1,141	New 1 G01 LM 00397-01

* Direct costs only.

Medical Library Resource Grants continued.

State	Institution	Amount*	Type Grant No.
Ohio	Toledo Medical Library Association, Toledo	$ 4,597	New 1 G01 LM 00511-01
Oklahoma	University of Oklahoma College of Pharmacy, Norman	1,529	Continuation 5 G01 LM 00192-02
	Southwestern State College School of Pharmacy, Weatherford	4,532	Continuation 5 G01 LM 00304-02
Oregon	Pacific University School of Optometry, Forest Grove	2,571	Continuation 5 G01 LM 00310-02
	University of Oregon Medical School, Portland	20,032	Continuation 5 G01 LM 00129-02
	University of Oregon Dental School, Portland	4,579	Continuation 5 G01 LM 00260-02
	Oregon Regional Primate Research Center, Beaverton	7,697	New 1 G01 LM 00664-01
Pennsylvania	Altoona Hospital, Altoona	5,498	New 1 G01 LM 00548-01
	Mayview State Hospital, Bridgeville	5,353	New 1 G01 LM 00368-01
	Westmoreland Hospital Association, Greensburg	3,500	New 1 G01 LM 00622-01
	Harrisburg Hospital, Harrisburg	7,531	New 1 G01 LM 00602-01
	Mercy Hospital School of Nursing, Johnstown	1,631	New 1 G01 LM 00415-01
	Lancaster General Hospital, Lancaster	5,353	New 1 G01 LM 00544-01
	Latrobe Area Hospital School of Nursing, Latrobe	2,300	New 1 G01 LM 00627-01
	Ohio Valley General Hospital School of Nursing, McKees Rocks	1,753	New 1 G01 LM 00613-01
	Jefferson Medical College, Philadelphia	14,199	Continuation 5 G01 LM 00104-03

* Direct costs only.

Medical Library Resource Grants continued.

State	Institution	Amount*	Type Grant No.
Pennsylvania	Temple University School of Medicine, Philadelphia	$10,426	Continuation 5 G01 LM 00114-02
	Hahnemann Medical College & Hospital, Philadelphia	13,735	Continuation 5 G01 LM 00119-02
	Philadelphia General Hospital, Philadelphia	5,107	Continuation 5 G01 LM 00138-02
	College of Physicians of Philadelphia, Philadelphia	28,194	Continuation 5 G01 LM 00140-02
	Albert Einstein Medical Center Research Library, Philadelphia	5,300	Continuation 5 G01 LM 00164-02
	University of Pennsylvania School of Dental Medicine, Philadelphia	4,423	Continuation 5 G01 LM 00209-02
	Woman's Medical College of Pennsylvania, Philadelphia	8,892	Continuation 5 G01 LM 00251-02
	Philadelphia College of Pharmacy and Science, Philadelphia	12,571	Continuation 5 G01 LM 00290-02
	University of Pennsylvania Bio-Medical Libraries, Philadelphia	40,041	New 1 G01 LM 00553-01
	Pennsylvania College of Podiatry, Philadelphia	6,501	New 1 G01 LM 00595-01
	Children's Hospital of Philadelphia, Philadelphia	3,886	New 1 G01 LM 00657-01
	University of Pittsburgh Schools of the Health Professions, Pittsburgh	23,439	Continuation 5 G01 LM 00124-02
	University of Pittsburgh Graduate School of Public Health, Pittsburgh	5,957	Continuation 5 G01 LM 00226-02
	Allegheny General Hospital, Pittsburgh	3,411	New 1 G01 LM 00611-01
	Duquesne University School of Pharmacy, Pittsburgh	6,169	New 1 G01 LM 00624-01
	Pennsylvania State University College of Medicine, Hershey	22,808	Continuation 5 G01 LM 00291-02

* Direct costs only.

Medical Library Resource Grants continued.

State	Institution	Amount*	Type Grant No.
Pennsylvania	York Hospital, York	$ 4,285	New 1 G01 LM 00612-01
Puerto Rico	University of Puerto Rico School of Medicine, San Juan	17,331	New 1 G01 LM 00516-01
Rhode Island	Providence Lying-In Hospital, Providence	1,871	New 1 G01 LM 00481-01
	Rhode Island Medical Society, Providence	5,279	New 1 G01 LM 00588-01
South Carolina	Medical College of South Carolina, Charleston	10,912	Continuation 5 G01 LM 00254-02
	William S. Hall Psychiatric Institute, Columbia	5,353	New 1 G01 LM 00595-01
	Columbia Hospital of Richland County, Columbia	1,901	New 1 G01 LM 00652-01
	Greenville Hospital System, Greenville	1,932	New 1 G01 LM 00603-01
South Dakota	University of South Dakota School of Medicine, Vermillion	6,260	Continuation 5 G01 LM 00275-02
Tennessee	St. Jude Children's Research Hospital, Memphis	2,469	Continuation 5 G01 LM 00274-02
	University of Tennessee Medical Units, Memphis	23,004	Continuation 5 G01 LM 00284-02
	Vanderbilt University School of Medicine, Nashville	16,546	Continuation 5 G01 LM 00236-02
Texas	University of Texas College of Pharmacy, Austin	3,949	New 1 G01 LM 00479-01
	Austin State Hospital, Austin	4,110	New 1 G01 LM 00484-01
	University of Texas Southwestern Medical School, Dallas	17,989	Continuation 5 G01 LM 00167-02
	Baylor University in Dallas, Dallas	11,940	New 1 G01 LM 00610-01

* Direct costs only.

Medical Library Resource Grants continued.

State	Institution	Amount*	Type Grant No.
Texas	University of Texas Medical Branch, Galveston	$18,094	Continuation 5 G01 LM 00201-02
	University of Houston College of Pharmacy, Houston	2,204	Continuation 5 G01 LM 00363-02
	University of Texas Dental Branch at Houston, Houston	8,195	New 1 G01 LM 00551-01
	M. D. Anderson Hospital and Tumor Institute, Houston	20,623	New 1 G01 LM 00669-01
	University of Texas, South Texas Medical School, San Antonio	22,808	Continuation 5 G01 LM 00108-02
	Southwest Foundation for Research and Education, San Antonio	5,084	New 1 G01 LM 00582-01
Utah	University of Utah College of Medicine, Salt Lake City	15,834	Continuation 5 G01 LM 00118-02
Vermont	University of Vermont Medical Library, Burlington	14,783	Continuation 5 G01 LM 00317-02
Virginia	University of Virginia School of Medicine, Charlottesville	20,685	Continuation 5 G01 LM 00145-02
	Lynchburg Training School and Hospital, Colony	1,492	New 1 G01 LM 00541-01
	De Paul Hospital School of Nursing, Norfolk	1,901	New 1 G01 LM 00222-01
Washington	University of Washington, Division of Health Sciences, Seattle	31,309	Continuation 5 G01 LM 00150-02
	Sacred Heart Hospital, Spokane	5,111	New 1 G01 LM 00531-01
West Virginia	West Virginia University Medical Center, Morgantown	19,480	Continuation 5 G01 LM 00327-02
Wisconsin	University of Wisconsin Medical School, Madison	22,353	Continuation 5 G01 LM 00268-02
	Marquette University School of Medicine, Milwaukee	16,135	Continuation 5 G01 LM 00287-02

* Direct costs only.

Medical Library Resource Grants continued.

State	Institution	Amount*	Type Grant No.
Wisconsin	St. Luke's Hospital, Milwaukee	$ 4,119	New 1 G01 LM 00661-01
Wyoming	University of Wyoming College of Pharmacy and Nursing, Laramie	1,931	Continuation 5 G01 LM 00249-02

* Direct costs only.

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